

	Type	L #	Hits	Search Text	DBs	Time Stamp	Comments
1	BRS	L1	3	bosch-robert.in.	US- PGPUB ; USPAT ; USOCR ; FPRS; EPO; JPO; DERWE NT; IBM_T DB	2006/12/1 2 09:33	
2	BRS	L2	0	bosch-robert.in. and piezoelectric	US- PGPUB ; USPAT ; USOCR ; FPRS; EPO; JPO; DERWE NT; IBM_T DB	2006/12/1 2 09:33	
3	BRS	L3	105	heinz-rudolf.in.	US- PGPUB ; USPAT ; USOCR ; FPRS; EPO; JPO; DERWE NT; IBM_T DB	2006/12/1 2 09:33	

	Type	L #	Hits	Search Text	DBs	Time Stamp	Comments
4	BRS	L4	34	heinz-rudolf.in. and "piezoelectric actuator".ti.	US- PGPUB ; USPAT ; USOCR ; FPRS; EPO; JPO; DERWE NT; IBM_T DB	2006/12/1 2 09:34	
5	IS&R	L5	1	("6528927").PN.	USPAT	2006/12/1 2 09:35	
6	IS&R	L6	1	("6208026").PN.	USPAT	2006/12/1 2 10:30	
7	IS&R	L7	378	(310/365).CCLS.	USPAT	2006/12/1 2 10:38	
8	IS&R	L8	932	(310/366).CCLS.	USPAT	2006/12/1 2 11:30	
9	IS&R	L9	219	(310/364).CCLS.	USPAT	2006/12/1 2 12:47	
10	IS&R	L10	167	(310/364-366).CCLS.	US- PGPUB	2006/12/1 2 12:50	
11	IS&R	L11	239	(310/364-366).CCLS.	FPRS; EPO; JPO; DERWE NT; IBM_T DB	2006/12/1 2 12:57	

	Type	L #	Hits	Search Text	DBs	Time Stamp	Comments
12	BRS	L12	1	"bent back electrode"	US- PGPUB ; USPAT ; USOCR ; FPRS; EPO; JPO; DERWE NT; IBM_T DB	2006/12/1 2 12:57	
13	BRS	L13	973	electrode adj2 fold\$3	US- PGPUB ; USPAT ; USOCR ; FPRS; EPO; JPO; DERWE NT; IBM_T DB	2006/12/1 2 12:58	
14	BRS	L14	136	electrode adj2 fold\$3 same insulat\$4	US- PGPUB ; USPAT ; USOCR ; FPRS; EPO; JPO; DERWE NT; IBM_T DB	2006/12/1 2 12:58	

Searching PAJ

[MENU](#)[NEWS](#)[HELP](#)**Search Results : 80**[Index Indication](#)[Clear](#)**Text Search**

If you want to conduct a Number Search, please click on
the button to the right.

[Number Search](#)**Applicant, Title of invention, Abstract — e.g. computer semiconductor**

If you use the AND/OR operation, please leave a **SPACE** between keywords.

One letter word or **Stopwords** are not searchable.

[AND](#)**AND**[OR](#)**AND**[AND](#)**AND****Date of publication of application — e.g. 19980401 - 19980405** - **AND****IPC — e.g. D01B7/04 A01C11/02**

If you use the OR operation, please leave a **SPACE** between keywords.

[Search](#)[Stored data](#)

Searching PAJ

[MENU](#)[NEWS](#)[HELP](#)**Search Results : 336**[Index Indication](#)[Clear](#)**Text Search**

If you want to conduct a Number Search, please click on
the button to the right.

[Number Search](#)**Applicant, Title of invention, Abstract — e.g. computer semiconductor**

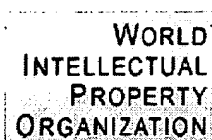
If you use the AND/OR operation, please leave a **SPACE** between keywords.

One letter word or **Stopwords** are not searchable.

[AND](#)**AND**[OR](#)**AND**[AND](#)**AND****Date of publication of application — e.g. 19980401 - 19980405** - **AND****IPC — e.g. D01B7/04 A01C11/02**

If you use the OR operation, please leave a **SPACE** between keywords.

[Search](#)[Stored data](#)



IP SERVICES

[Home](#) [IP Services](#) [PatentScope](#) [Patent Search](#)

Results of searching in PCT for:

("bent back" or folded) near electrode and insula*: 74 records

Showing records 1 to 25 of 74 :

[\[Search Summary\]](#)[Next 25 records](#)[Start At](#) [Refine Search](#)

("bent back" or folded) near electrode and insula*



- | Title | Pub. Date | Int. Class | Applicant |
|---|------------|------------|--------------------------------|
| 1. (WO 2006/123915) PRE-HEATER FOR VEHICLE
The present invention provides a pre -heater for a vehicle, which includes PTC rod assemblies, one or more heat radiation fin assemblies coupled to be in close contact with both surfaces of each of the PTC rod assemblies, a pair of frames coupled to outer side surfaces of the outermost heat radiation fin assemblies, and a first housing and a second housing having housing terminals serving as cathode terminals therein and coupled to both longitudinal ends of a combination of these respective components, wherein the pair of the frames are formed to be curved so that these respective components can be in close contact with one another. In the pre-heater of the present invention, heat generated from PTC elements contained in the pre-heater does ... | 23.11.2006 | B60H 1/22 | MODINE KOREA, LLC |
| 2. (WO 2006/101748) TEXTILE-BASED ELECTRODE
Textile-based electrodes include a fabric portion having stretch-recovery non-conductive yarns and an electrically conductive region having stretch-recovery electrically conductive yarn filaments. The electrodes can further include float yarns and can be configured in a textured or ribbed construction. When incorporated into a garment, the electrodes can be used to monitor biophysical characteristics, such as the garment wearer's heart rate. | 28.09.2006 | A61N 1/04 | TEXTRONICS, INC. |
| 3. (WO 2006/083660) ELECTROCHEMICAL CELL WITH IMPROVED INTERNAL CONTACT
An electrochemical battery cell with an electrical lead for electrical contact between one of the cell's electrodes and the side of the cell container. A portion of the lead, disposed between the electrode assembly and the side wall of the container, includes an initially non-planar shape that is in a partially deformed, compressed configuration within the cell to bias the lead against the internal surface of the side wall of the container, thereby applying sufficient force to provide good electrical contact between the electrode and the container. The initially non-planar shape can include one or more V-shaped or arc-shaped grooves, and the grooves can be disposed parallel to a longitudinal axis of the electrode assembly. Also disclosed is... | 10.08.2006 | H01M 2/26 | EVEREADY BATTERY COMPANY, INC. |
| 4. (WO 2006/071249) HIGH DISCHARGE CAPACITY LITHIUM BATTERY
A lithium/iron disulfide electrochemical battery cell with a high discharge capacity. The cell has a lithium negative electrode , an iron disulfide positive electrode and a nonaqueous electrolyte. The iron disulfide of the positive electrode has a controlled average particle size range which allows the electrochemical cells to exhibit desired properties in both low and high rate applications. In various embodiments, the iron disulfide particles are wet milled, preferably utilizing a media mill or milled utilizing a non-mechanical mill such as a jet mill, which reduces the iron disulfide particles to a desired average particle size range for incorporation into the positive electrode . | 06.07.2006 | H01M 4/36 | EVEREADY BATTERY COMPANY, INC. |
| 5. (WO 2006/069011) HIGH DISCHARGE CAPACITY LITHIUM BATTERY
Electrochemical battery cells, and more particularly, to cells comprising a lithium negative electrode and an iron disulfide positive electrode . Before use in the cell, the iron disulfide has an inherent pH, or a mixture of iron disulfide and an pH raising additive compound have a calculated pH, of at least a predetermined minimum pH value. In a preferred embodiment, the pH raising additive compound comprises a Group IIA element of the Periodic Table of the Elements, or an acid scavenger or pH control agent such as an organic amine, cycloaliphatic epoxy, amino alcohol or overbased calcium sulfonate. In one embodiment, the iron disulfide particles utilized in the cell have a specific reduced average particle size range. Methods for preparing... | 29.06.2006 | H01M 4/58 | EVEREADY BATTERY COMPANY, INC. |



Canadian Intellectual
Property Office

Office de la propriété
intellectuelle du Canada

Canada

Français
Strategis

Contact Us
Site Map

Help
What's New

Search
About Us

Canada Site
Registration

strategis.gc.ca



[CIPO Home](#)

[Patents Main Page](#)

**PATENTS
DATABASE**

[Search Options](#)

[Basic](#)

[Number](#)

[Boolean](#)

[Advanced](#)

[Help](#)

[Content](#)

[Searching](#)

[Search Language](#)

[FAQ](#)

[Disclaimer](#)

[Foreign Patent Links](#)

[Decisions of the
Commissioner of
Patents](#)

[Trade-marks
Database](#)

[Copyrights Database](#)

[Industrial Designs
Database](#)

Canadian Patents Database

Search Results 12/12/2006 - 13:36:15

Query :
(((piezoelectric or electromechanical or

Query: ((piezoelectric or electromechanical or electrostrictive)) <AND>
((("bent back" or folded)) <in> abstract) <AND> (((insula* and
electrode)) <in> claims)

**Sorry, no patents were found matching your
query**

Please modify your query and try again. [Example queries](#) and [search
language help](#) are available.

[Important Notices](#)

RESULT LIST

8 results found in the Worldwide database for:

actuator in the title AND **folded and electrode** in the title or abstract

(Results are sorted by date of upload in database)

- 1 PIEZOELECTRIC TRANSDUCER ELEMENT, ITS WORKING METHOD, AND ACTUATOR USING IT**
 Inventor: YOSHIDA RYUICHI; MATSUI NAOKI; (+1) Applicant: MINOLTA CO LTD
 EC: IPC: **H01L41/083; H01L41/22; H02N2/00** (+6)
 Publication info: **JP2003069100** - 2003-03-07
- 2 PIEZOELECTRIC ACTUATOR WITH IMPROVED ELECTRODE CONNECTIONS**
 Inventor: HEINZ RUDOLF (DE) Applicant: BOSCH GMBH ROBERT (DE); HEINZ RUDOLF (DE)
 EC: H01L41/047; H01L41/083 IPC: **H01L41/047; H01L41/083; H02N2/04** (+5)
 Publication info: **WO0079607** - 2000-12-28
- 3 VIBRATION ACTUATOR**
 Inventor: SUGAYA ISAO; OKAZAKI MITSUHIRO Applicant: NIPPON KOGAKU KK
 EC: IPC: **H01L41/09; H02N2/00; H01L41/09** (+3)
 Publication info: **JP2001298971** - 2001-10-26
- 4 Piezoelectric transducer and actuator using said piezoelectric transducer**
 Inventor: UYEYAMA MASAYUKI (JP) Applicant: MINOLTA CO LTD (US)
 EC: H01L41/083; H01L41/09D IPC: **H01L41/083; H01L41/09; H02N2/00** (+5)
 Publication info: **US6208065** - 2001-03-27
- 5 Micro-actuator with electrostatic drive**
 Inventor: HESSELBACH JUERGEN PROF DR ING (DE); OH HYEON-SEOK DR ING (KR) Applicant: HESSELBACH JUERGEN PROF DR ING (DE)
 EC: H02N1/00B2 IPC: **H02N1/00; H02N1/00; (IPC1-7): H02N1/00**
 Publication info: **DE19802535** - 1999-07-29
- 6 Integral conductor for a piezoelectric actuator**
 Inventor: SWANSON MORRIS A (US); GREUEL MANFRED (DE) Applicant: CATERPILLAR INC (US)
 EC: H01L41/083 IPC: **H01L41/083; H01L41/083; (IPC1-7): H01L41/08**
 Publication info: **US5155409** - 1992-10-13
- 7 ACTUATOR**
 Inventor: KURIBAYASHI AKIRA; ICHIKAWA KOJI; (+1) Applicant: HITACHI LTD
 EC: IPC: **G11B7/09; G02B26/10; G11B7/09** (+3)
 Publication info: **JP62143236** - 1987-06-26
- 8 ACTUATOR FOR OPTICAL DISK**
 Inventor: MORITA KATSUHIKO Applicant: MATSUSHITA ELECTRIC IND CO LTD
 EC: G11B7/09D7 IPC: **G02B7/28; G11B7/09; G02B7/28** (+3)
 Publication info: **JP59002237** - 1984-01-07

 Data supplied from the esp@cenet database - Worldwide

RESULT LIST

0 results found in the Worldwide database for:

actuator in the title AND **"bent back" and electrode*** in the title or abstract

(Results are sorted by date of upload in database)

Data supplied from the **esp@cenet** database - Worldwide